Data Sheet

We make sure

FUJITSU COMPUTERS SIEMENS

SmartCase™ SmartCard

Issue March 2006

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The new SmartCase™ SmartCard is the ultimate portable security medium for secure identification and information security infrastructures.

Same size as today's credit card, the SmartCase™ SmartCard is the ideal gateway to security infrastructures.

Use the SmartCase™ SmartCard in different ways:
- **As easy to use access key to your system and your data.**
- **As space for valuable data such as network addresses and login information to various applications.**

On request we support you to use the card as key to your buildings and access controlled rooms.
The confidentiality of your data stored on the SmartCard is guaranteed, because you need either your PIN number or your fingerprint to access the data. An integrated processor controls the secure access to all stored data.
Manipulate the processor destroys all content of the SmartCard.
With the Cryptographic Service Provider (CSP) software the SmartCase™ SmartCard offered by Fujitsu Siemens Computers fits perfect to Public Key Infrastructures (PKI) and PKCS#11 based applications.

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Security
- Efficient Crypto Coprocessor for secure cryptographic functions and key generation for strong encryption of data and files
- Use it to encrypte e-mails
- Secure operating system logon with SmartLogon
- Secure storage for your sensitive data like login data
- CSP with PKCS#11 support optional available for easy integration into Microsoft Windows Operating Systems

Usability
- Works perfectly in combination with security software products available for secure access / user authentication, encryption and secure storage of data.
- Supported by all Fujitsu Siemens SmartCard readers / writers

Ergonomics
- The perfect place for safe and secure storage of passwords and logon names
- Use it for easy logon / logoff processes to your system

Reliability
- High quality and function stability according to industry standards

SmartCase™ SmartCard	
Technical features	
Infineon Chip	SLE66CX322P 32 KByte EEPROM **(**SLE66CX642P 64 KByte EEPROM, on request) Crypto Coprocessor
Standards	ISO Standard 7816 (Part 3, 4, 5, 8 and 9)
Protocols	T=1 Support of extended APDUs Transaction concept for individual commands and command sequences Rapid card communication at up to 115 Kbaud, selectable in accordance with ISO 7816/3

Card Operating System	CardOS
Encryption features	
On-card generation of	DES keys double-length 3DES RSA keys RSA signature calculation RSA key exchange
RSA key lengths	512 to 1024 bit
Hashing	SHA-1 MAC HMAC MD2 MD4 MD5 SSL3 SHAMD5
Enciphering and deciphering data	
Cipher block chaining (CBC mode)	DES or 3DES keys
40-bit to 128-bit key length	RC2 or RC4 keys
Internal authentication	
card-to-host	DES or 3DES keys in cipher block code (CBC) mode
External authentication	host-to-card with DES or 3DES keys
Certification	
Card controller	Common Criteria EAL 5+
CardOS	Common Criteria EAL 4 high
Supported Applications	SmartCase™ Logon+ Card API with CSP and PKCS#11 SDK available SystemLock
Additional functions	Secure messaging Protection against known Security attacks
Package Contents	Fujitsu Siemens Computers SmartCase™ SmartCard blank SmartCase™ SmartCard on request

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Published by

Fujitsu Siemens Computers
http://www.fujitsu-siemens.com/security

Company stamp

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